

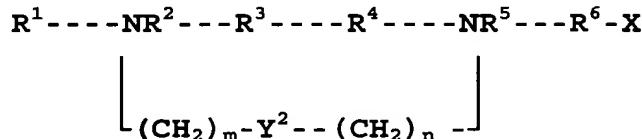
Amendments to the Claims:

The following listing of claims replaces all prior versions and listings of claims in this application.

Claims 1 through 11. (currently cancelled)

Claims 12 to 28. (previously cancelled)

30. (previously amended) A backbone cyclized peptide analog having IL-6 antagonist activity, having the general formula 3:



Formula No. 3

wherein m and n are 1 to 5;

X designates a terminal carboxy acid, amide or alcohol group;

R^1 is (D)Bip, Gln, Lys, Lys(ZCL) or Dab;

R² is (D)Lys, Gly, Ala or Trp

R³ is Orn, 4PyrAla, (L) or (D)Dab, (D)Arg, Lys or Dpr:

R^4 is Lys, Lys(ZCL), Arg, Arg(Mtr) or (D)Glu.

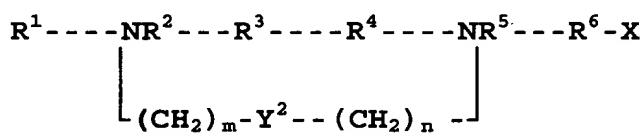
R⁵ is Asn, Trp or (D)Ala.

R⁶ is Arg, (p-NO₂)Phe (L) or (D)Trp, Gln, Abu or Glu; and

\mathbf{Y}^2 is amide, thioether, thioester or disulfide

Claims 31 through 37. (currently cancelled).

38. (previously amended) A pharmaceutical composition comprising a backbone cyclized IL-6 antagonist wherein the IL-6 antagonist has the general formula 3:



Formula No. 3

wherein m and n are 1 to 5;

X designates a terminal carboxy acid, amide or alcohol group;

R¹ is (D)Bip, Gln, Lys, Lys(ZCL) or Dab;

R² is (D)Lys, Gly, Ala or Trp

R³ is Orn, 4PyrAla, (L) or (D)Dab, (D)Arg, Lys or Dpr;

R⁴ is Lys, Lys(ZCL), Arg, Arg(Mtr) or (D)Glu;

R⁵ is Asn, Trp or (D)Ala;

R⁶ is Arg, (p-NO₂)Phe, (L) or (D)Trp, Gln, Abu or Glu; and

Y² is amide, thioether, thioester or disulfide.

39. (currently cancelled)